

Study program: Waste management			
Course title: Project Management			
Professor/assistant: PhD Slavimir N. Stošović			
Type of course: compulsory			
ECTS credits: 7			
Pre-requisites: -			
Aims of the course: Preparing students to: learn terms such as project, project life cycle, project management concept, recognize processes and phases of project management, learn important elements of project management: project scope, project time, project costs, project quality, project human resources, communication in the project, project risks, procurement in the project, learn the project management software tools.			
Learning outcomes: Student is able to: develop a conceptual project solution and a project management plan, define the activities and the order of activities in the project, form and manage the project team, manage, monitor and control the realization of the project, estimate cost and determine the budget for realization of the project, identify potential risks and monitor and controls the project risk, apply the available software tools for project management.			
Syllabus			
<u>Theoretical part</u> Term of project. The concept of the project. Concept of project management. Project management processes. Characteristics of the project management process. Conceptual design of the project. Project Management Plan. Managing project realization. Monitoring and control of realization. Closing of the project. Planning and defining the scope of the project. Defining project activities. Determining the order of activity. Determine the project timeline. Cost estimation in the project. Determining the budget. Control of costs. Quality control of the project. Development of the project team. Project team management. Theory of motivation. Planning communications. Performance Reporting. Identification of potential risks. Qualitative and quantitative risk analysis. Monitoring and risk control. Planning of procurement in the project. Software tools for project management.			
<u>Practical part</u>			
Literature			
<ol style="list-style-type: none"> 1. R. Avlijaš, G. Avlijaš, <i>Upravljanje projektom</i>, Univerzitet Singidunum, 2011. 2. B. Marković, M. Milovančević, D. Jeremić, <i>Upravljanje razvojnim projektima</i>, Mašinskifakultet Istočno Sarajevo, 2015.. 3. K.. Četfild, <i>Microsoft Office Project 2007 : korakpokrak</i>, CET, 2007 			
Number of active classes			Other forms of teaching:
Lectures: 2	Practical classes: 2	Research work:	
Teaching methods Teaching is conducted interactively in the form of lectures, auditory, laboratory and computer exercises. In the lectures, theoretical part of the material is presented, accompanied by characteristic examples for easier understanding of the material. Computer exercises comprise the use of information and communication technologies in mastering the knowledge from the observed area. In addition to lectures and exercises, consultations are also held regularly.			
Grading system (maximum 100 points), grading scale from 5 to 10: below 51 points grade 5, grade 6 from 51-60 points, grade 7 from 61-70 points, grade 8 from 71-80 points, grade 9 from 81-90 points, grade 10 from 91-100 points.			
Pre-exam obligations	points	Final exam	points
activity during theoretical lectures	10	written exam	
practical training	20	oral exam	30
colloquium(s)/seminar papers	40		
Sum	70	Sum	30